



DIVISION OF INDUSTRY SERVICES
PO BOX 7162
MADISON WI 53707-7162
Contact Through Relay
www.dsps.wi.gov/sb/
www.wisconsin.gov

Scott Walker, Governor
Dave Ross, Secretary

January 14, 2015

CUST ID No. 260354

ATTN: Plumbing Inspector

EDWARD OLEYNICZAK
RIVERSIDE ENGINEERING & DESIGN
PO BOX 255
SUAMICO WI 54173-0255

BUILDING INSPECTION
TOWN OF BAILEYS HARBOR
PO BOX 308
BAILEYS HARBOR WI 54202

CONDITIONAL APPROVAL
PLAN APPROVAL EXPIRES: 01/14/2017

SITE:

Door County Brewing Company
2434 Cty Rd F
Town of Baileys Harbor
Door County

FOR:

Facility: 739076 DOOR COUNTY BREWING COMPANY
2434 CTY RD F
Plan Type: Addition-Alteration; 1 Interior Fixture(s)

Object Type: Commercial Water Treatment Device Regulated Object ID No.: 1519794

Identification Numbers
Transaction ID No. 2498614
Site ID No. 799785
Please refer to both identification numbers, above, in all correspondence with the agency.

The submittal described above has been reviewed for conformance with applicable Wisconsin Administrative Codes and Wisconsin Statutes. The submittal has been **CONDITIONALLY APPROVED**. The owner, as defined in chapter 101.01(10), Wisconsin Statutes, is responsible for compliance with all code requirements.

No person may engage in or work at plumbing in the state unless licensed to do so by the Department per s.145.06, stats.

The following conditions shall be met during construction or installation and prior to occupancy or use:

- The finished installation shall undergo, and pass, a final inspection prior to the treated water being used for consumptive purposes. The plumbing consultant having jurisdiction in this area is Phil Mnuk. Mr. Mnuk can be reached via the following:

Phone: 262-354-5167

Email: phil.mnuk@wisconsin.gov

If the treated water is used for consumptive purposes prior to passing the final inspection, then this approval may be rendered null and void and the devices ordered removed. The plumbing consultant shall provide a written indication of the results of the final inspection to the system owner.

When the final inspection has been passed, the plumbing consultant will notify the Wisconsin Department of Natural Resources (WDNR) field staff having authority over the well. The WDNR will then monitor the quality of the treated water to its satisfaction. Monitoring advice, which the WDNR is free to accept or reject, is provided elsewhere in this letter. The WDNR field staff having jurisdiction over this well is Laurel Braatz. Ms. Braatz can be contacted via the following:

Phone: 920-746-2872

Email: laurel.braatz@wisconsin.gov

- The suggested monitoring interval for this installation is daily until a stable non-detect for coliform bacteria is achieved, then monthly thereafter.

- The installation shall include space for the possible installation of a chlorination system should E. coli be detected at some point in the future. Note, a chlorination system may include a chemical injection port, pump, solution tank and retention tanks. The chlorination port shall be installed as part of the initial installation of the UV treatment system
- The prefilters shall be changed when the pressure drop reaches a maximum of 10 psig over and above the pressure loss of new cartridges.
- The entire water supply system shall be shock chlorinated, post-installation, as the UV systems are put in service.
- The UV devices installed shall be two Viqua UVMax Pro 30 models. The maximum combined flow rate is 60 gpm, 30 gpm per unit. Flow restrictors shall be installed on each unit to prevent flow rates exceeding 30 gpm.
- The UV devices shall be installed in parallel.
- The UV devices shall be installed in the vertical position.
- The UV devices shall include a narrow band monitor specific to the desired wavelength ($\lambda \approx 254$ nm).
- No bypass piping shall be installed serving the UV devices. However, if bypasses are strongly desired, then locking bypasses may be installed.
- All plumbing/installation shall be performed by a properly licensed Wisconsin plumber.
- All water supply piping shall be labeled in accordance with s. SPS 382.40 (3) (d) 1. a.
- Any exterior wall hydrants that are not served by treated water shall have at least one of the following:
 1. The handle shall be removed;
 2. The hydrant shall be capped and soldered closed; or
 3. Prominent signage shall be installed indicating the water is unfit for human consumption.

A full size copy of the approved plans, specifications and this letter shall be on-site during construction and open to inspection by authorized representatives of the Department, which may include local inspectors. If plan index sheets were submitted in lieu of additional full plan sets, a copy of this approval letter and index sheet shall be attached to plans that correspond with the copy on file with the Department. If these plans were submitted in an electronic form, the designer is responsible to download, print, and bind the full size set of plans along with our approval letter. A department electronic stamp and signature shall be on the plans which are used at the job site for construction. All permits required by the state or the local municipality shall be obtained prior to commencement of construction/installation/operation.

In granting this approval the Division of Industry Services reserves the right to require changes or additions should conditions arise making them necessary for code compliance. As per state stats 101.12(2), nothing in this review shall relieve the designer of the responsibility for designing a safe building, structure, or component.

Inquiries concerning this correspondence may be made to me at the telephone number listed below, or at the address on this letterhead.

Sincerely,

Glen W Schlueter
Plumbing Product Reviewer , Integrated Services
(608)267-1401 , Monday-Friday 7:15AM-4:00PM
glen.schlueter@wisconsin.gov

Fee Required \$ 160.00

This Amount Will Be Invoiced.
When You Receive That Invoice,
Please Include a Copy With Your
Payment Submittal.
WiSMART code: 7657

cc: Philip Mnuk, Plumbing Consultant, (262) 354-5167 , M-t 6:00AM-3:30PM -FRI-6:00AM -10:00AM
John McMahon, Door County Brewery

Note: Effective January 1, 2012, all codes under the jurisdiction of the Division of Industry Services (formerly Safety & Buildings) will be modified. Code references with prefixes starting with "Comm" have been replaced with "SPS" to recognize the relocation of the Division of Industry Services from the former Department of Commerce to the Department of Safety & Professional Services. Additionally, all IS (formerly S&B) codes have been renumbered and addressed in a "300" series. For future reference, the Wisconsin Commercial Building Code will be addressed by SPS Chapters 360-366.